

ABSTRACT OF THE DISCLOSURE

A work station for simultaneously performing multiple assays includes a base structure, a receptacle rack assembly received within a receptacle rack well formed in the base structure, a pipette tip rack assembly received within a pipette tip rack well formed in the base structure, a multiple conduit substance transfer device, and substance transfer device positioning structure.

The receptacle rack assembly holds a plurality of receptacles in which a plurality of individual assays are performed, and the pipette tip rack assembly holds a plurality of contamination limiting pipette tips. The substance transfer device is capable of simultaneously dispensing substances into two or more receptacles or simultaneously removing substances from two or more receptacles. Alternatively, the substance transfer device is capable of simultaneously dispensing substances into two or more receptacles, and, at about the same time, simultaneously removing substances from two or more receptacles. The positioning structure permits the substance transfer device to be positioned with respect to the receptacle rack assembly or the pipette tip rack assembly.